WHAT IS CLAIMED IS:

- 1 1. A method comprising:
- 2 storing membership data at a client having a
- 3 client identification, said membership data including a
- 4 first group identifier corresponding to a first group and a
- 5 first expiration indicator;
- 6 transmitting a group membership file at a host,
- 7 said group membership file including a second group
- 8 identifier associated with a member identifier and a second
- 9 expiration indicator; and
- updating the membership data at the client.
- 1 2. The method of claim 1, wherein updating the
- 2 membership data comprises:
- examining the first expiration indicator to
- 4 determine if membership in the first group has expired; and
- 5 deleting the first expiration indicator and the
- 6 first group identifier in response to a determination that
- 7 membership in the first group has expired.
- 1 3. The method of claim 1, wherein updating the
- 2 membership data comprises:
- 3 receiving the group membership file at the
- 4 client;

- 5 comparing the member identifier to the client
- 6 identification; and
- 7 storing the second group identifier and the
- 8 second expiration indicator at the client in response to
- 9 the member identifier matching the client identification.
- 1 4. The method of claim 1, wherein the group
- 2 membership file includes the first group identifier and two
- 3 or more member identifiers associated with the first group
- 4 identifier, and wherein updating the membership data
- 5 comprises:
- 6 comparing each of said member identifiers to the
- 7 client identification; and
- 8 deleting the first group identifier and the first
- 9 expiration indicator in response to the client
- 10 identification matching one of said member identifiers.
- 1 5. The method of claim 1, wherein the expiration
- 2 indicator comprises a date.
- 1 6. The method of claim 1, wherein the expiration
- 2 indicator comprises a time.
- 1 7. The method of claim 1, further comprising:

- transmitting a message including a payload and a
- 3 transmitted group identifier;
- 4 receiving the message at the client; and
- 5 extracting the payload from the message in
- 6 response to the first group identifier matching the
- 7 transmitted group identifier.
- 1 8. An article comprising:
- 2 a machine-readable medium which stores machine-
- 3 executable instructions, the instructions causing a machine
- 4 having a client identification to:
- 5 store membership data, said membership data
- 6 including a first group identifier corresponding to a first
- 7 group and a first expiration indicator;
- 8 receive a group membership file from a host, said
- 9 group membership file including a second group identifier
- 10 associated with a member identifier and a second expiration
- 11 indicator; and
- update the membership data.
- 1 9. The article of claim 8, wherein the instructions
- 2 causing the machine to update the membership data include
- 3 instructions causing the machine to:
- 4 examine the first expiration indicator to
- 5 determine if membership in the first group has expired; and

- 6 delete the first expiration indicator and the
- 7 first group identifier in response to a determination that
- 8 membership in the first group has expired.
- 1 10. The article of claim 8, wherein the instructions
- 2 causing the machine to update the membership data include
- 3 instructions causing the machine to:
- 4 compare the member identifier to the client
- 5 identification; and
- store the second group identifier and the second
- 7 expiration indicator at the client in response to the
- 8 member identifier matching the client identification.
- 1 11. The article of claim 8, wherein the group
- 2 membership file includes the first group identifier and two
- 3 or more member identifiers associated with the first group
- 4 identifier,
- and wherein the instructions causing the machine
- 6 to update the membership data include instructions causing
- 7 the machine to:
- 8 compare each of said member identifiers to the
- 9 client identification; and
- delete the first group identifier and the first
- 11 expiration indicator in response to the client
- 12 identification not matching one of said member identifiers.

- 1 12. The article of claim 8, wherein the expiration
- 2 indicator comprises a date.
- 1 13. The article of claim 8, wherein the expiration
- 2 indicator comprises a time.
- 1 14. The article of claim 8, further comprising
- 2 instructions causing the machine to:
- 3 receive a message including a payload and a
- 4 transmitted group identifier; and
- extract the payload from the message in response
- 6 to the first group identifier matching the transmitted
- 7 group identifier.
- 1 15. An apparatus comprising:
- a receiver to receive messages and a group
- membership file including a plurality of membership
- 4 records, a membership record including a member identifier
- 5 associated with a first group identifier and a first
- 6 expiration indicator;
- 7 a memory to store an apparatus identification;
- a membership file to store a second group
- 9 identifier and an associated second expiration indicator;
- 10 a clock to output a current time; and

- a receiver controller coupled to the receiver,
- 12 the memory, the membership file, and the clock, said
- 13 receiver controller operative to update the membership file
- 14 in response to one of the group membership file and the
- 15 current time.
- 1 16. The apparatus of claim 15, wherein the receiver
- 2 is operative to compare the client identification to the
- 3 member identifier in the membership record and to store the
- 4 first group identifier and the first expiration identifier
- 5 in the membership file in response to the member identifier
- 6 matching the apparatus identification.
- 1 17. The apparatus of claim 15, wherein the receiver
- 2 controller is operative to compare the second expiration
- 3 indicator to the current time and to delete the second
- 4 group identifier and the second expiration indicator in
- 5 response to the second expiration indicator exceeding or
- 6 matching the current time.
- 1 18. The apparatus of claim 15, wherein a message
- 2 includes a transmitted group identifier and a payload, and
- 3 wherein the receiver controller is operative to extract the
- 4 payload in response to the transmitted group identifier
- 5 matching the second group identifier.

- 1 19. A system host comprising:
- a memory to store a group membership file
- 3 including data indicative of group memberships;
- a group generator to generate membership records
- 5 in a group membership file, a membership record including a
- 6 group identifier, a member identifier, and an expiration
- 7 indicator; and
- a group controller to update the group membership
- 9 file.
- 1 20. The system host of claim 19, further comprising a
- 2 clock to output a current time, and wherein the group
- 3 controller is operative to compare the expiration indicator
- 4 to the current time and to delete the membership record in
- 5 response to the expiration indicator exceeding or matching
- 6 the current time.
- 1 21. The system host of claim 19, wherein the
- expiration indicator comprises a date.
- 1 22. The system host of claim 19, wherein the
- expiration indicator comprises a time.
- 1 23. A system comprising:
- a system host comprising:

- a group generator to generate membership records
- 4 in a group membership file, a membership record including a
- 5 first group identifier, a membership identifier, and a
- 6 first expiration indicator; and
- 7 a transmitter to transmit the group membership
- 8 file; and
- 9 a client comprising:
- a receiver to receive messages and the group
- 11 membership file;
- a memory to store an apparatus identification;
- a membership file to store a second group
- 14 identifier and an associated second expiration indicator;
- a clock to output a current time; and
- a receiver controller coupled to the receiver,
- 17 the memory, the membership file, and the clock, said
- 18 receiver controller operative to update the membership file
- 19 in response to one of the group membership file and the
- 20 current time.
- 1 24. The system of claim 23, wherein the second
- 2 expiration indicator comprises a time.
- 1 25. The system of claim 24, wherein the receiver
- 2 controller is operative to compare the second expiration
- 3 indicator to the current time and to delete the second

- 4 group identifier and the second expiration indicator in
- 5 response to the second expiration indicator exceeding or
- 6 matching the current time.